

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	50	(handheld or mobile) same (terminal or reader) same housing same (frame\$1 or compartment)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/16 20:16
S2	14	(handheld or mobile) same (terminal or reader or scanner) same housing same stylus	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/22 13:51
S3	2	((("5468952") or ("6036098")).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/22 13:34
S4	75	(handheld or mobile or portable) same (terminal or reader or scanner) same housing same gun	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 19:10
S5	30	(handheld or mobile or portable) same (terminal or reader or scanner) same housing same gun and "symbol".as.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/22 14:35
S6	1	"20040058705"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/22 14:25
S7	1	(handheld or mobile or portable) same (terminal or reader or scanner) same housing same gun same (rail\$4 or groov\$4 or frame\$4)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/22 14:33
S8	116	(handheld or mobile or portable) same (terminal or reader or scanner) same housing same top same bottom	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/25 10:27
S9	45	(handheld or mobile or portable) same (terminal or reader or scanner) same housing same gun and (not "symbol".as.)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/22 14:36
S10	347	(handheld or mobile or portable) same (terminal or reader or scanner) same housing same (top or upper) same (bottom or lower)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/24 19:42
S11	0	235/462.047.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 10:08

## EAST Search History

S24	1	"5410141".pn. and batter\$4 and hand-held and terminal\$4 and reader\$4 and handle\$4 and modul\$4 and compartment\$4 and rail\$4 and hous\$4 and screw\$4	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 14:53
S25	97	("3665164"   "3826900"   "3947817"   "3976973"   "4002892"   "4005400"   "4017725"   "4020527"   "4091270"   "4115870"   "4133034"   "4136821"   "4141492"   "4158130"   "4158194"   "4165554"   "4188103"   "4210802"   "4247908"   "4277837"   "4282425"   "4322612"   "4385285"   "4415065"   "4418277"   "4422745"   "4423319"   "4460120"   "4488679"   "4500776"   "4506344"   "4511970"   "4523087"   "4523297"   "4569421"   "4570057"   "4578571"   "4603262"   "4621189"   "4627736"   "4628193"   "4634845"   "4641292"   "4654818"   "4689761"   "4703161"   "4706096"   "4718103"   "4718110"   "4727245"   "4734566"   "4743773"   "4749353"   "4752965"   "4758717"   "4760248"   "4766300"   "4768230"   "4773032"   "4793812"   "4825057"   "4831275"   "4835372"   "4836256"   "4842966"   "4845350"   "4850009"   "4857716"   "4866646"   "4877949"   "4881839"   "4890832"   "4897532"   "4910775"   "4916441"   "4942356"   "4953113"   "4967188"   "4972496"   "4983818"   "5002184"   "5012407"   "5023824"   "5049862"   "5049863"   "5057676"   "5059778"   "5202817"   "5216233"   "5218187"   "5227614"   "D229234"   "D230859"   "D295411"   "D303112").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/23 16:41

## EAST Search History

S26	21	S25 and (housing same (plastic or metal))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 16:45
S27	1	S25 and (rail\$4 same (plastic or metal))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 16:41
S28	15	S25 and (housing near30 (plastic or metal))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 16:47
S29	0	S25 and ((rail\$4 or mesh\$4) near30 (plastic or metal))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 16:48
S30	57794	((rail\$4 or mesh\$4) near30 (plastic or metal))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 16:48
S31	0	((rail\$4 or mesh\$4) near30 (plastic or metal)) same batter\$4 same (reader or scanner)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 18:25
S32	75	((rail\$4 or mesh\$4) near30 (plastic or metal)) same (reader or scanner)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 18:37
S33	0	((rail\$4 or mesh\$4) near30 (plastic or metal)) same (reader or scanner) same compartment	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 16:49
S34	5	(rail\$4 or mesh\$4) same (plastic or metal) same compartment same (reader or scanner)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 18:26
S35	9	(rail\$4 or mesh\$4 or groove\$4) same (plastic or metal) same compartment same (reader or scanner)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 18:26
S36	4	((rail\$4 or mesh\$4) near30 (plastic or metal)) same optical same (reader or scanner)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 18:39
S37	16	((rail\$4 or mesh\$4) same (plastic or metal)) same optical same (reader or scanner)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 18:39

## EAST Search History

S12	0	235/462.470.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 10:08
S13	0	235/462470.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 10:08
S14	5573	235/462\$3.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 13:20
S15	191	S14 and interchangeable	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 13:20
S16	4176731	"14" and "1"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 13:20
S17	630	235/462\$3.ccls. and wand\$4	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 13:32
S18	4	235/462.47.ccls. and wand\$4	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 13:21
S19	126	235/462.45.ccls. and wand	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 13:22
S20	1074	235/462\$3.ccls. and (wand\$4 or stylus\$4 or pen)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 13:33
S21	56	235/462\$3.ccls. and ((wand\$4 or stylus\$4 or pen) same gun)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 13:34
S22	1	"5736726".pn. and (portable and device and reader and handle and housing and circuit\$4 and interface\$4 and support\$4 and slip\$4)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 14:23
S23	1	"5410141".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 14:50

## EAST Search History

S38	9	(handheld or mobile or portable) same (terminal or reader or scanner) same housing same gun same (wand or stylus)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 19:15
S39	8654	(wand or stylus or pen) near10 (hold\$4 or compartment or cavity)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 19:15
S40	60	(wand or stylus or pen) near10 (hold\$4 or compartment or cavity) same (handheld or mobile or portable) same (terminal or reader or scanner)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 19:37
S41	418	(wand or stylus or pen) near10 (hold\$4 or compartment or cavity) same handle	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 19:40
S42	6	(wand or stylus or pen) near10 (hold\$4 or compartment or cavity) same handle same gun	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 19:37
S43	5	(wand or stylus or pen) near10 (hold\$4 or compartment or cavity) same handle same (barcode or bar adj1 code or bar-code)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 19:42
S44	112	(wand or stylus or pen) near10 (hold\$4 or compartment or cavity) same (barcode or bar adj1 code or bar-code)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 19:53
S45	455	(wand or stylus or pen) same (hold\$4 or compartment or cavity or cradle or base or station) same (barcode or bar adj1 code or bar-code)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/25 10:28
S46	214	S45 and "235"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/23 19:54
S47	1	"4538072".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/24 15:38
S48	1	"4538072".pn. and gun\$4 and wand\$4 and optical and housing and scan\$4 and unit\$4	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/24 15:40
S49	26	("4538072").URPN.	USPAT	OR	OFF	2005/07/24 16:18

## EAST Search History

S50	5786	(sculpt\$4 or mold\$4 or carv\$4 or form) near10 (stylus or pen or wand)	USPAT	OR	OFF	2005/07/24 16:20
S51	10	(sculpt\$4 or mold\$4 or carv\$4 or form) near10 (stylus or pen or wand) same (handheld or mobile or portable) same (terminal or reader or scanner) same housing	USPAT	OR	OFF	2005/07/24 17:07
S52	1	("5874722").PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/24 17:07
S53	1	(handheld or mobile or portable) same (terminal or reader or scanner) same housing same gun same shock\$4	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/24 17:45
S54	2	(handheld or mobile or portable) same (terminal or reader or scanner) same gun same shock\$4 same (rubber or plastic)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/24 18:43
S55	0	(handheld or mobile or portable) same (terminal or reader or scanner) same gun same neck same grip	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/24 18:43
S56	22	(handheld or mobile or portable) same (terminal or reader or scanner) same gun same trigger same grip	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/24 18:50
S57	105	(handheld or mobile or portable or hand adj1 held) same (terminal or reader or scanner) same gun same trigger same grip	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/25 10:28
S58	12	(handheld or mobile or portable or hand adj1 held) same (terminal or reader or scanner) same gun same keypad	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/24 20:03
S59	1718	235/472.01-472.03,462.44-462.49.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/24 19:40
S60	26	S59 and ((handheld or mobile or portable) same (terminal or reader or scanner) same housing same top same bottom)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/24 19:41
S61	38	S59 and ((handheld or mobile or portable) same (terminal or reader or scanner) same housing same (top or upper) same (bottom or lower))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/24 20:01

## EAST Search History

S62	4605	display same key\$5 same stylus	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/24 20:01
S63	16	(handheld or mobile or portable or hand adj1 held or data or collection) same (terminal or reader or scanner) same gun same keypad	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/24 20:04
S64	9	(handheld or mobile or portable or hand adj1 held or data or collection) same (terminal or reader or scanner) same gun same stylus	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/24 20:04
S65	1	"6722569".pn. and stylus and terminal and read\$4 and display\$4 and gun\$4 and hous\$4 and symbol\$4 and bar\$4	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/25 07:21
S66	51	reader.ti. and "welch".as.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/25 07:22
S67	1	("5488575").PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/25 08:39
S68	69	stylus same lock same spring	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/25 08:40
S69	6	stylus near30 lock near30 spring	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/25 10:26
S70	664	178/18.09,19.01-19.05.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/25 10:27
S71	1847	345/179,175,166,574.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/25 10:27
S72	0	S70 and ((handheld or mobile or portable) same (terminal or reader or scanner) same housing same top same bottom)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/25 10:27

## EAST Search History

S73	1	S71 and ((handheld or mobile or portable) same (terminal or reader or scanner) same housing same top same bottom)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/25 10:27
S74	2	S70 and ((wand or stylus or pen) same (hold\$4 or compartment or cavity or cradle or base or station) same (barcode or bar adj1 code or bar-code))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/25 10:29
S75	5	S71 and ((wand or stylus or pen) same (hold\$4 or compartment or cavity or cradle or base or station) same (barcode or bar adj1 code or bar-code))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/25 10:28
S76	0	S70 and ((handheld or mobile or portable or hand adj1 held) same (terminal or reader or scanner) same gun same trigger same grip)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/25 10:28
S77	0	S71 and ((handheld or mobile or portable or hand adj1 held) same (terminal or reader or scanner) same gun same trigger same grip)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2005/07/25 10:28
S78	3	("5067573"   "5422442"   "5434373").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/04 17:57
S79	561	178/19.01-19.05.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/04 17:57
S80	317	S79 and (hous\$4 or compartment or hold\$4)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/04 17:58
S81	317	S79 and (hous\$4 or compartment or hold\$4)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/16 20:03
S82	37	S79 and (hous\$4 or compartment or hold\$4) and handle	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/04 17:59
S83	3	S79 and (hous\$4 or compartment or hold\$4) and gun	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/04 18:25
S84	1	"5422442".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/04 18:26



## EAST Search History

S85	1	mobile same (hous\$4 or compartment or hold\$4) same (keypad\$4 or key adj1 pad\$4) same width same larger	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/16 20:16
S86	336	232/1E,43.3,43.4,43.5.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/16 20:16
S87	0	S86 and (handheld or mobile) same (terminal or reader) same housing same (frame\$1 or compartment)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/16 20:17
S88	0	S86 and (terminal or reader) same housing same (frame\$1 or compartment)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/16 20:17
S89	0	S86 and (keypad or key near1 pad) same housing same (frame\$1 or compartment)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/16 20:17
S90	1	S86 and (keypad or key near1 pad) and housing and (frame\$1 or compartment)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/01/16 20:17
S91	1	"5067573".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/06/13 12:46
S92	786	keypad\$4 near30 terminal\$4 near30 (connect\$4 or assembl\$4)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/07/28 05:31
S93	113	keypad\$4 near30 (connect\$4 or assembl\$4) near30 terminal\$4 near30 (portable or handheld or hand near1 held or hand-held)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/07/28 05:35
S94	227	keypad\$4 near30 (connect\$4 or assembl\$4) near30 terminal\$4 near30 (mobil\$4 or portable or handheld or hand near1 held or hand-held)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/07/28 05:35
S95	1	"7069061".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/07/28 09:07